

Title (en)  
EPON WITH POWER-SAVING FEATURES

Title (de)  
EPON MIT STROMSPARFUNKTION

Title (fr)  
RÉSEAU EPON À CARACTÉRISTIQUES DE GESTION DE LA CONSOMMATION D'ÉNERGIE

Publication  
**EP 2368332 A2 20110928 (EN)**

Application  
**EP 09825184 A 20091014**

Priority  

- US 2009060691 W 20091014
- US 11146508 P 20081105
- US 22133909 P 20090629
- US 57760809 A 20091012

Abstract (en)  
[origin: US2010111523A1] One embodiment provides a system for power saving in an Ethernet Passive Optic Network (EPON). The system includes an optical line terminal (OLT), an optical network unit (ONU), a traffic-detection module configured to detect status of traffic to and from the ONU, and a power-management module configured to place the ONU in sleep mode based on the detected traffic status. The ONU includes an optical transceiver that includes an optical transmitter configured to transmit optical signals to the OLT and an optical receiver configured to receive optical signals from the OLT.

IPC 8 full level  
**H04B 10/27** (2013.01); **H04B 10/2581** (2013.01); **H04J 14/02** (2006.01); **H04Q 11/00** (2006.01)

CPC (source: EP US)  
**H04B 10/27** (2013.01 - EP US); **H04J 14/0221** (2013.01 - US); **H04Q 11/0067** (2013.01 - EP US); **H04J 14/0282** (2013.01 - EP US); **H04Q 2011/0079** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**US 2010111523 A1 20100506; US 8498534 B2 20130730**; CN 102204131 A 20110928; CN 102204131 B 20150121; EP 2368332 A2 20110928; EP 2368332 A4 20121226; EP 2368332 B1 20170329; HK 1161778 A1 20120803; TW 201032501 A 20100901; TW I434540 B 20140411; US 2013294775 A1 20131107; US 8744261 B2 20140603; WO 2010053671 A2 20100514; WO 2010053671 A3 20100715

DOCDB simple family (application)  
**US 57760809 A 20091012**; CN 200980142995 A 20091014; EP 09825184 A 20091014; HK 12102176 A 20120302; TW 98135787 A 20091022; US 2009060691 W 20091014; US 201313931221 A 20130628